11/14/83
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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** NOVEMBER 4, 1983 **NO.** 44

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 11/04/83	Last Week Ending: 10/28/83	Last Year Week Ending: 11/05/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	11,753	11,866	11,924	- 113	- 171
Operable capacity	16,309	16,309	16,663	0	- 354
Percent operated	72.1	72.8	71.6		
Motor Gasoline					
Total motor gasoline production	6,238	6,167	6,120	+ 71	+ 118
Finished leaded motor gasoline production	2,768	2,625	N/A	+ 143	N/A
Finished unleaded motor gasoline production	3,470	3,542	N/A	- 72	N/A
Total motor gasoline stocks	224,781	227,581	231,753	- 2,800	- 6,972
Finished leaded motor gasoline stocks	91,816	92,825	N/A	- 1,009	N/A
Finished unleaded motor gasoline stocks	93,639	94,904	95,317	- 1,265	- 1,678
Distillate Fuel Oil					
Distillate fuel oil production	2,541	2,679	2,896	- 138	- 355
Distillate fuel oil stocks	161,550	164,694	173,248	- 3,144	- 11,698
Residual Fuel Oil					
Residual fuel oil production	707	718	980	- 11	- 273
Residual fuel oil stocks	47,529	48,835	61,047	- 1,306	- 13,518
Imports					
Crude oil imports	2,807	3,622	3,644	- 815	- 837
Product imports	2,063	1,399	1,635	+ 664	+ 428
Crude Oil Stocks					
Crude oil stocks	354,453	343,541	349,274	+ 10,912	+ 5,179

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	898	844	873	1,229	71.0
Appal. No. 1	88	83	83	177	46.9
DISTRICT 1 TOTAL	986	927	956	1,406	68.0
Appal. No. 2	66	64	65	66	98.5
Ind., Ill., Ky.	1,790	1,685	1,713	2,345	73.0
Minn., Wis., Daks.	301	295	300	296	101.4
Okla., Kans., Mo.	669	618	635	827	76.8
DISTRICT 2 TOTAL	2,826	2,662	2,713	3,534	76.6
Inland Texas	469	435	435	585	74.4
Texas Gulf Coast	3,260	2,902	2,991	3,907	76.6
La. Gulf Coast	2,013	1,846	1,853	2,890	64.1
N. La. and Ark.	184	170	182	286	63.6
New Mexico	47	32	33	105	31.4
DISTRICT 3 TOTAL	5,973	5,385	5,494	7,773	70.7
DISTRICT 4 TOTAL	446	443	458	536	85.4
DISTRICT 5 TOTAL	2,101	2,103	2,132	3,060	69.7
TOTAL U.S.	12,332	11,520	11,753	16,309	72.1
TOTAL U.S. Weeks Ended:					
OCT. 28, 1983	12,286	11,663	11,866	16,309	72.8
NOV. 5, 1982	12,780	11,568	11,924	16,663	71.6
DISTRICTS 1–4 Weeks Ended:					
NOV. 4, 1983	10,231	9,417	9,621	13,249	72.6
OCT. 28, 1983	10,276	9,506	9,709	13,249	73.3
NOV. 5, 1982	10,745	9,601	9,922	13,580	73.1

API WEEKLY STATISTICAL BULLETIN
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U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	531	192	339	12	33	248	68
Appal. No. 1	31	13	18	2	--	24	3
DISTRICT 1 TOTAL	562	205	357	14	33	272	71
Appal. No. 2	43	18	25	2	4	16	2
Ind., Ill., Ky.	1,019●	443●	575	20	96	331	29
Minn., Wis., Daks.	180	103	77	2	14	89	8
Okla., Kans., Mo.	387	235	152	1	24	188	11
DISTRICT 2 TOTAL	1,628●	799●	829	23	138	624	50
Inland Texas	283	153	130	19	18	119	18
Texas Gulf Coast	1,427	519	908	41	211	629	206
La. Gulf Coast	1,017	424	593	6	196	346	100
N. La. and Ark.	58	21	37	6	--	49	9
New Mexico	32	18	14	--	1	11	1
DISTRICT 3 TOTAL	2,817	1,135	1,682	72	426	1,154	334
DISTRICT 4 TOTAL	205	149	56	15	21	131	8
DISTRICT 5 TOTAL	1,026	490	546	37	260	360	244
TOTAL U.S.	6,238	2,768	3,470	161	878	2,541	707
TOTAL U.S. Weeks Ended:							
OCT. 28, 1983	6,167●	2,625●	3,542	170	794	2,679	718
NOV. 5, 1982	6,120	N/A	N/A	188	786	2,896	980
DISTRICTS 1–4 Weeks Ended:							
NOV. 4, 1983	5,212	2,288	2,924	124	618	2,181	463
OCT. 28, 1983	5,205●	2,198●	3,007	133	567	2,310	433
NOV. 5, 1982	5,150	N/A	N/A	142	577	2,561	683

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.
● SEE REVISIONS ON PAGE 7
NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended NOVEMBER 4, 1983

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,491	2,696	2,794	1	78	553	14,085	2,418	--
Central Atlantic	28,189●	11,088●	13,150	3,951	518	4,958●	43,144●	17,289	14,781
Lower Atlantic	27,692	13,613	13,722	357	138	3,490	15,505	3,620	693
DISTRICT 1 TOTAL	61,372●	27,397●	29,666	4,309	734	8,991●	72,734●	23,327	15,474
DISTRICT 2 TOTAL	64,492●	29,054	28,503●	6,935	1,636	8,182	40,558	3,585	18,163●
DISTRICT 3 TOTAL	66,246●	23,492	24,205	18,549●	2,166	13,008	34,997	12,718	51,224
DISTRICT 4 TOTAL	6,114	2,978	1,630	1,506	325	795	2,678	211●	3,160
DISTRICT 5 TOTAL	26,557	8,895	9,635	8,027	1,547	6,291	10,583●	7,688●	23,601●
TOTAL U.S.	224,781	91,816	93,639	39,326	6,408	37,267	161,550	47,529	111,622
TOTAL U.S. **Weeks Ended:**									
OCT. 28, 1983	227,581●	92,825●	94,904●	39,852●	7,162	36,456●	164,694●	48,835	112,738●
NOV. 5, 1982	231,753	N/A	95,317	N/A	6,063	34,685	173,248	61,047	111,281
DISTRICTS 1-4 **Weeks Ended:**									
NOV. 4, 1983	198,224	82,921	84,004	31,299	4,861	30,976	150,967	39,841	88,021
OCT. 28, 1983	200,997●	84,282●	85,142●	31,573●	5,620	30,459●	154,251●	40,748●	89,705●
NOV. 5, 1982	203,642	N/A	85,621	N/A	4,845	28,754	164,181	52,133	86,196

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

NA-Not Available

● SEE REVISIONS ON PAGE 7

WEEKLY STATISTICAL BULLETIN
Week Ended NOVEMBER 4, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy JUN 1983	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
NOV. 4, 1983	5,836.0	5,840.0	2,647	262	271,053
OCT. 28, 1983	5,836.0	--	3,496	221	260,774●
OCT. 21, 1983	5,836.0	--	3,401	273	262,577
OCT. 14, 1983	5,836.0	--	3,120	280	264,285
DISTRICT 5 TOTAL					
NOV. 4, 1983	2,855.5	2,808.0	160	7	83,400 *
OCT. 28, 1983	2,855.5	--	126	7	82,767●
OCT. 21, 1983	2,855.5	--	273	8	87,555
OCT. 14, 1983	2,855.5	--	220	--	86,239
TOTAL U.S.					
NOV. 4, 1983	8,691.5	8,648.0	2,807	269	354,453 *
OCT. 28, 1983	8,691.5	--	3,622	228	343,541●
OCT. 21, 1983	8,691.5	--	3,674	281	350,132
OCT. 14, 1983	8,691.5	--	3,340	280	350,524
NOV. 5, 1982	8,683.6 /A	--	3,644	168	349,274

*INCLUDES 28,341 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/A DOE ACTUAL FOR OCTOBER 1982.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
NOV. 4, 1983	16,497	78,312	163,654	12,590	271,053	83,400 *	354,453 *
OCT. 28, 1983	15,728	77,148●	155,593●	12,305	260,774●	82,767●	343,541●
NOV. 5, 1982	18,694	72,834	157,233	11,844	260,605	88,669	349,274

[1]See definitional notes, Page 6.

● SEE REVISIONS ON PAGE 7

API WEEKLY STATISTICAL BULLETIN

Week Ended NOVEMBER 4, 1983

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	73●	41●	32	--	--	115	76	2	--	--	266●
Central Atlantic	216	118	98	--	10	134	644	--	82	91	1,177
Lower Atlantic	--	--	--	--	22	34	48	--	--	--	104
DISTRICT 1 TOTAL											
NOV. 4, 1983	289	159	130	--	32	283	768	2	82	91	1,547
OCT. 28, 1983	176●	52●	124	--	25	168	372	--	65	33	839●
OCT. 21, 1983	215	100	115	--	53	252	778	2	71	233	1,604
OCT. 14, 1983	199	43	156	--	10	389	723	18	110	47	1,496
DISTRICTS 2–4 TOTAL											
NOV. 4, 1983	9	9	--	--	2	20	56	143	150	62	442
OCT. 28, 1983	55	55	--	--	9	24	100	93	102	109	492
OCT. 21, 1983	3	3	--	--	6	20	56	62	87	44	278
OCT. 14, 1983	3	3	--	--	6	20	36	40	10	144	259
DISTRICT 5 TOTAL											
NOV. 4, 1983	33	20	13	--	4	4	18	5	--	10	74
OCT. 28, 1983	23	2	21	--	2	3	11	6	--	23	68
OCT. 21, 1983	20	10	10	--	2	5	18	13	2	10	70
OCT. 14, 1983	22	11	11	--	2	4	47	15	19	20	129
TOTAL U.S.	331	188	143	--	38	307	842	150	232	163	2,063
TOTAL U.S. Weeks Ended:											
OCT. 28, 1983	254●	109●	145	--	36	195	483	99	167	165	1,399●
OCT. 21, 1983	238	113	125	--	61	277	852	77	160	287	1,952
OCT. 14, 1983	224	57	167	--	18	413	806	73	139	211	1,884
NOV. 5, 1982	170	N/A	64	17	23	97	721	191	57	365	1,635

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

● SEE REVISIONS ON PAGE 7

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: NOV. 4, 1983

REVISIONS

10/28/83	PAGE 2	TOTAL MGAS	IND., ILL., KY.	1.055
			DISTRICT 2 TOTAL	1.637
			TOTAL U.S.	6.167
			DISTRICTS 1-4	5.205
		LEADED MGAS	IND., ILL., KY.	445
			DISTRICT 2 TOTAL	735
			TOTAL U.S.	2.625
			DISTRICTS 1-4	2.198
	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	29.725
			DISTRICT 1 TOTAL	62.880
			DISTRICT 2 TOTAL	66.329
			DISTRICT 3 TOTAL	65.663
			TOTAL U.S.	227.581
			DISTRICTS 1-4	200.997
		LEADED MGAS	CENTRAL ATLANTIC	12.029
			DISTRICT 1 TOTAL	28.829
			TOTAL U.S.	92.825
			DISTRICTS 1-4	84.282
		UNLEADED MGAS	DISTRICT 2 TOTAL	29.129
			TOTAL U.S.	94.904
			DISTRICTS 1-4	85.142
		BLENDING COMPS	DISTRICT 3 TOTAL	17.712
			TOTAL U.S.	39.852
			DISTRICTS 1-4	31.573
		KEROSINE JFT	CENTRAL ATLANTIC	4.834
			DISTRICT 1 TOTAL	9.012
			TOTAL U.S.	36.456
			DISTRICTS 1-4	30,459
		DISTILLATE FUEL	CENTRAL ATLANTIC	44.158
			DISTRICT 1 TOTAL	73.850
			DISTRICT 5 TOTAL	10,443
			TOTAL U.S.	164.694
			DISTRICTS 1-4	154,251
		RESIDUAL FUEL	DISTRICT 4 TOTAL	776
			DISTRICT 5 TOTAL	8.087
			DISTRICTS 1-4	40.748
		UNFINISHED OILS	DISTRICT 2 TOTAL	17.931
			DISTRICT 5 TOTAL	23,033
			TOTAL U.S.	112,738

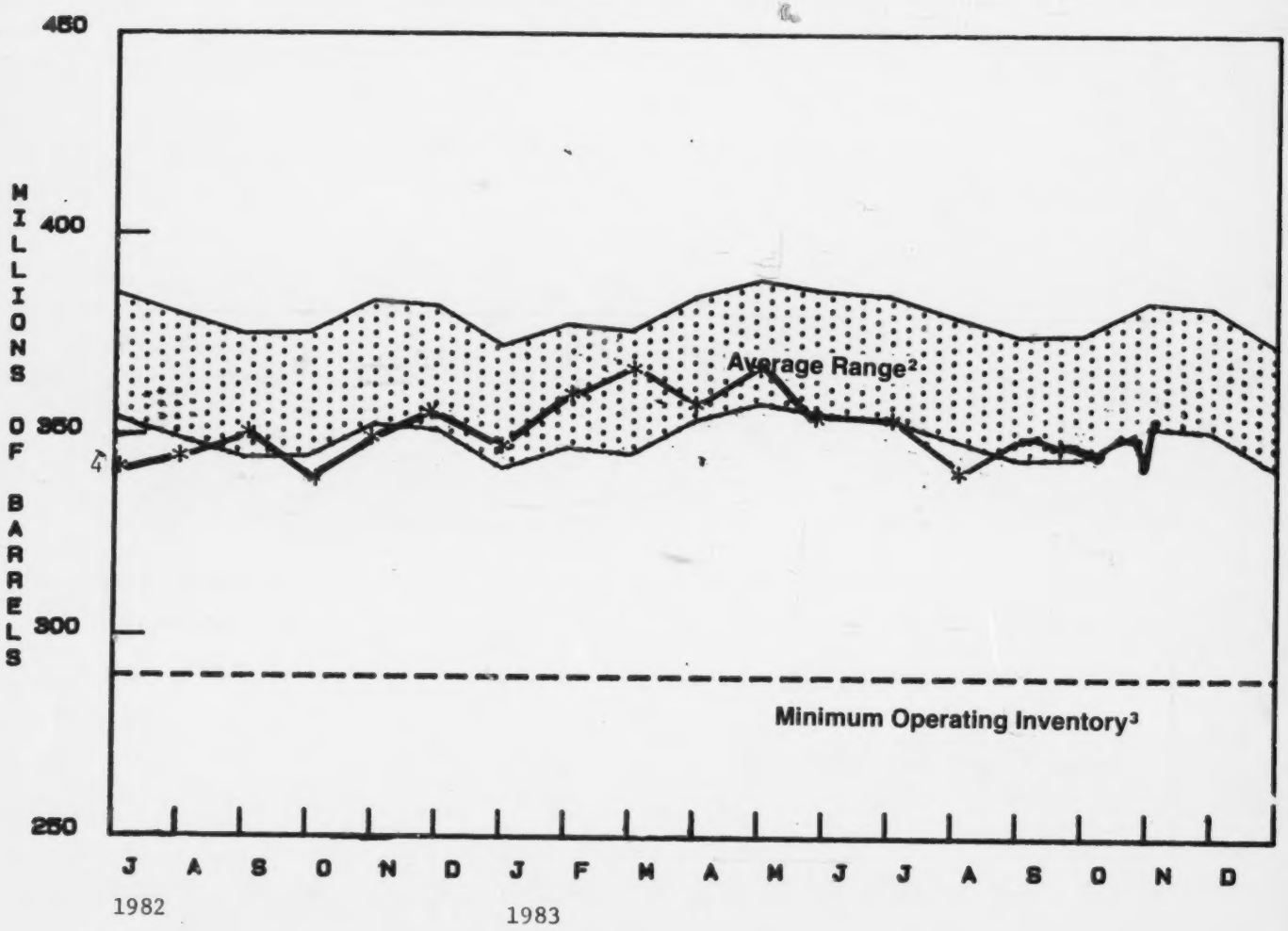
API STATISTICAL BULLETIN
WEEK ENDED: NOV. 4, 1983

REVISIONS

		DISTRICTS 1-4	89,705
PAGE 4 TOP	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	260,774
		DISTRICT 5 TOTAL	82,767
		TOTAL U.S.	343,541
PAGE 4 BOTTOM	TOTAL	PAD DISTRICT 2	77,148
	TOTAL	PAD DISTRICT 3	155,593
	TOTAL	TOTAL PAD DISTRICTS 1-4	260,774
	TOTAL	PAD DISTRICT 5	82,767
	TOTAL	TOTAL U.S.	343,541
PAGE 5	TOTAL MGAS	NEW ENGLAND	38
		DISTRICT 1 TOTAL	176
		TOTAL U.S.	254
	LEADED MGAS	NEW ENGLAND	38
		DISTRICT 1 TOTAL	52
		TOTAL U.S.	109
	TOTAL	NEW ENGLAND	142
		DISTRICT 1 TOTAL	839
		TOTAL U.S.	1,399

Week Ended November 4, 1983

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

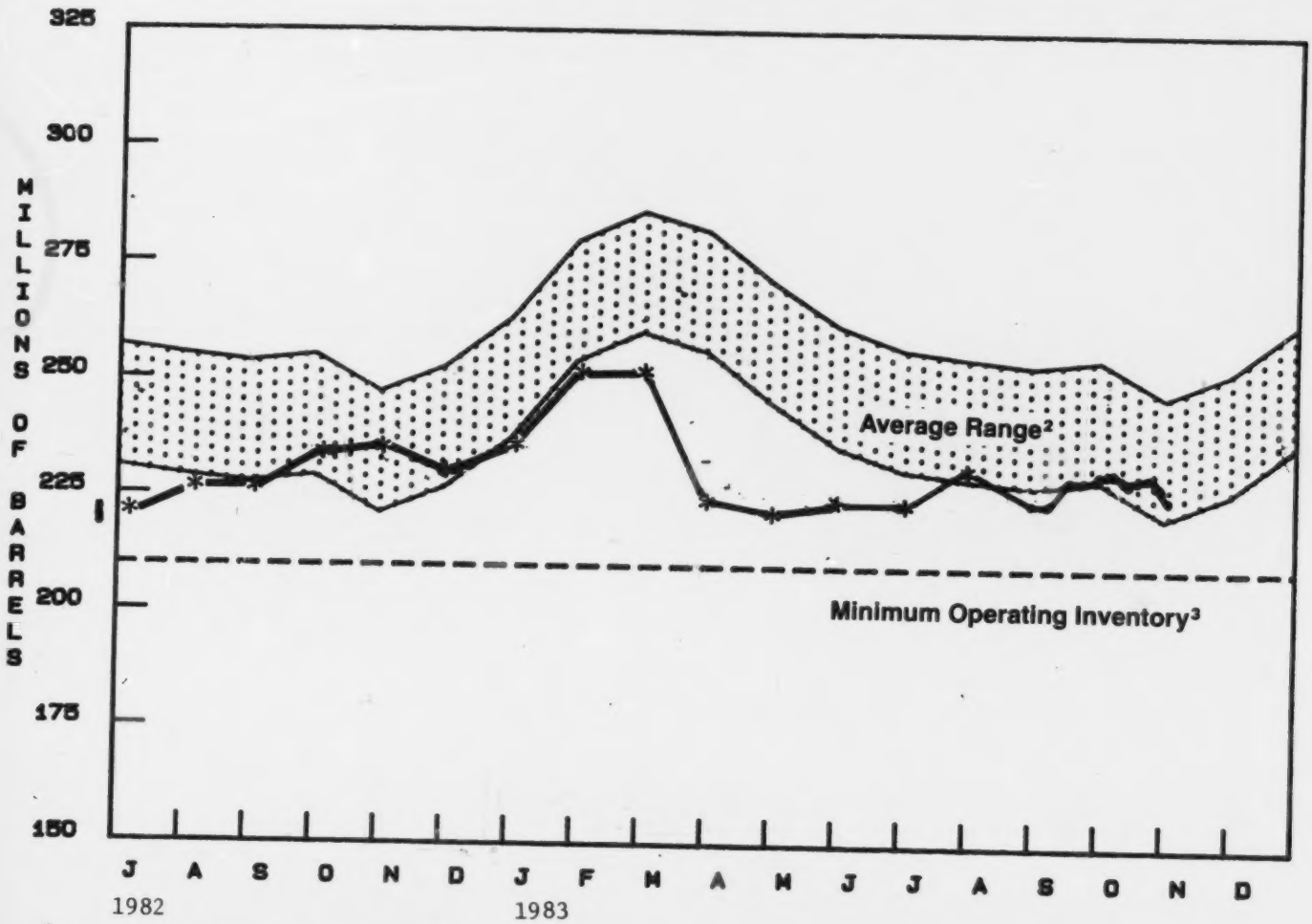
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended November 4, 1983

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

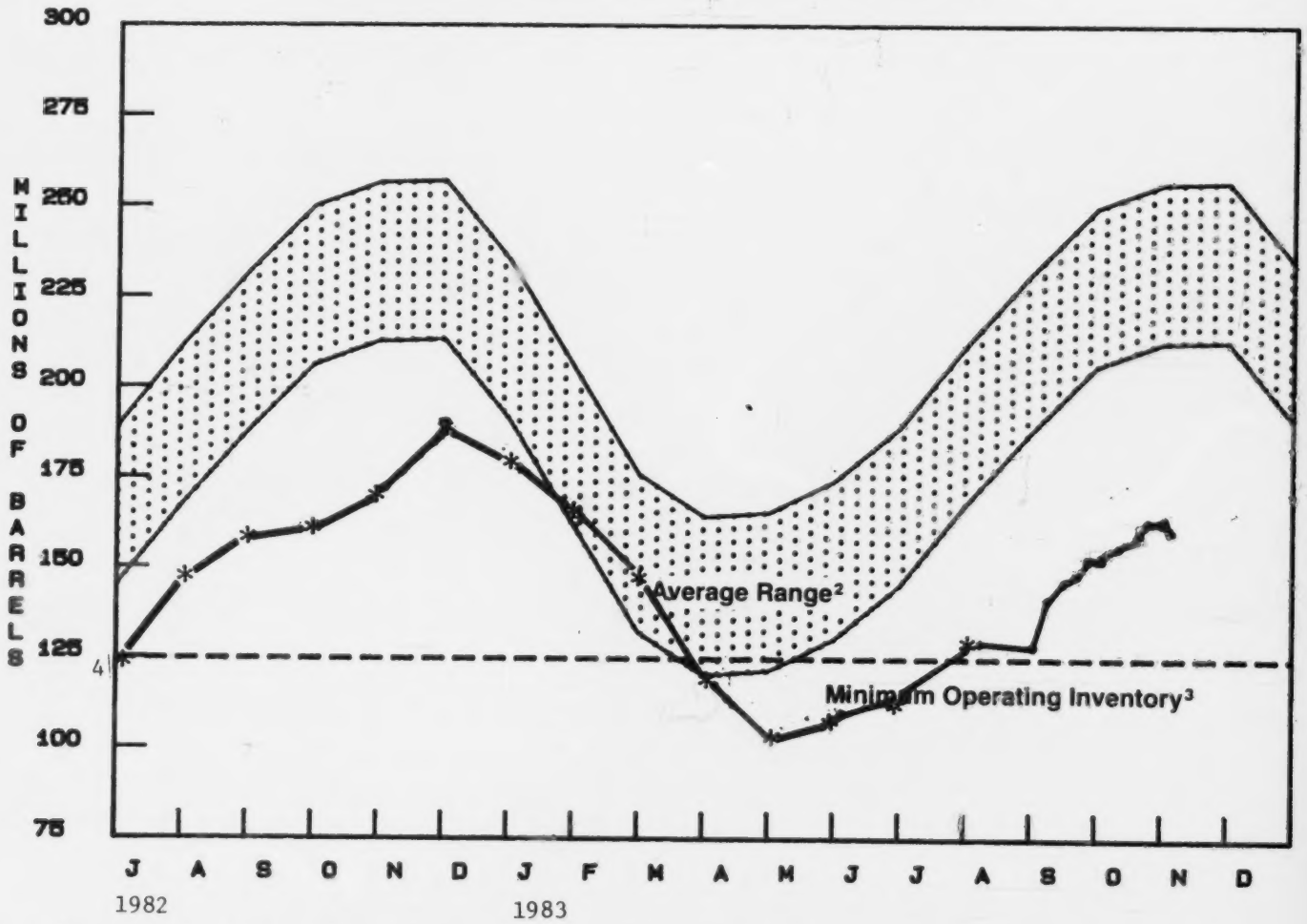
[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

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•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.